



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1077

SERIAL NUMBER	FILING OR 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
10/739,353	12/19/2003 RULE	711	2188	032188

**APPLICANTS**  
 Mikio Ito, Kawasaki, JAPAN;  
 Hidejiro Daikokuya, Kawasaki, JAPAN;  
 Kazuhiko Ikeuchi, Kawasaki, JAPAN;  
 Yukihiro Yoshiya, Kawasaki, JAPAN;  
 Kuniko Omido, Kawasaki, JAPAN;  
 Tadashi Hirano, Kahoku, JAPAN;

**\*\* CONTINUING DATA \*\*\*\*\***  
 NONE JS

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***  
 JAPAN 2002-378284 12/26/2002 yes JS

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**  
 \*\* 03/29/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY JAPAN	SHEETS DRAWING 28	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 2
Verified and Acknowledged	Examiner's Signature JS Initials JS				

**ADDRESS**  
 38834

**TITLE**  
 RAID apparatus and logical device expansion method thereof

<b>FILING FEE RECEIVED</b> 770	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit